



Pro Cab

Protection and comfort for industry

- Protects machines and people from noise, dust and other harm.
- The modular construction enables tailored solutions.
- Adaptable to changes in the layout of the production facilities.

Protects people from machines and machines from people

PRP's modular structures for soundproofing and employee protection arose from the practical demand that is part of everyday work in manufacturing plants: the people must be protected from the machines and the machines from the people. PRP's patented solution offers protection from noise, dust, rays, odours and outsiders' eyes.

Insulate noise inside or outside

The ProCab can be built around your machine, which will keep the noise and other disadvantages inside the walls. Another alternative is to do the reverse; in other words, build a protective structure in the production area that will keep the undesirable results of production outside and create, for example, a peaceful office.

Structure

- Structure, size and colour are adaptable.
- Slim 14 millimetre walls.
- Windows, doors and hatches can be added according to need.
- Colours and visual effects according to your company brand.

Module sizes:

250, 500, 750 and 1,000 mm

Installation

- Can be installed at the same time as new machinery, or retrofitted.
- The ProCab is easy to assemble and move.
- Quick deployment, clear instructions and a 3D model.

The delivery contains

ProCab

Soundproofing structure

- The frame and wall structures of the ProCab
- Doors, hatches and conveyor openings
- Preparedness for any safety equipment the machine may require

As needed:

- Machine-specific layout planning
- Additional soundproofing that increases the level of noise protection

ProCab

Protective structure for employees

- The frame and wall structures of the ProCab
- Doors and windows
- Electrical outlets and peripheral cable channels
- Lighting and mechanical ventilation

ProCab

Soundproofing structure built around your machine

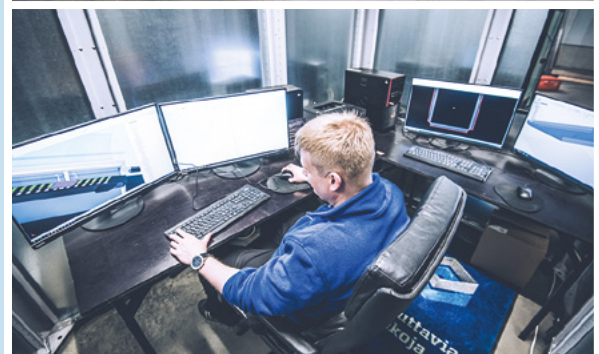
Noisy machines are often a real headache for the layout planning of production facilities. Building a protective structure around the machine will improve working conditions and release space for other use.



ProCab

Protective structure as an office

A structure built to protect employees provides an effective office even in the middle of a noisy manufacturing facility. This will ensure that supervisors are close to production, will facilitate internal communication and reduce the risk of errors.



"The ProCab reduces noise levels by 20 decibels."



ProCab

Worktops

Our steel structure worktops designed for industrial use provide excellent workstations wherever needed.

- Available with wooden or steel tops
- Flexible positioning of cupboards and drawers
- Tool wall-racks that can be integrated with the system
- Tailor-made models as well as standard sizes



Soundproofing

The ProCab reduces ambient noise by 18–20 decibels in industrial production plants. The human ear perceives a noise reduction of this magnitude as four times quieter, which means that the Protection Cabinet's soundproofing is crucial for well-being at work and for coping with the pressures of the job.

How can sound be insulated?

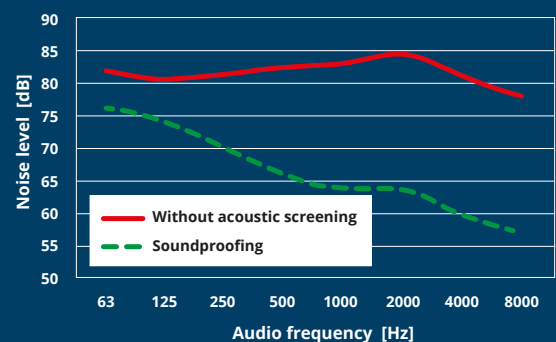
Soundproofing takes place via two different mechanisms:

1. Keeping the noise produced by the machine inside the acoustic screening by utilising its dense wall structure.
2. Absorbing the noise produced by the machine before it travels through the sound insulator.

How does the ProCab work?

The ProCab is a soundproofing system that has been designed as a collaborative project between PRP and acoustics expert Denis Siponen. Its patented structure follows two principles: it muffles noise and isolates it. This creates excellent soundproofing which opens brand new opportunities for the planning of production facilities.

Noise level in the vicinity of the machine





Solutions and advantages

- Improved safety and employee comfort at work.
- Supervisors can be placed cost effectively close to production.
- Errors are reduced as internal communication improves.
- The ProCab can be adapted when changes are made to the production area.
- Cleaner and tidier space, resulting in an improved image in customers' eyes.



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